

Photo 1 Collection of UASW029 and UASE029 (Animas River downstream of Silverton).



Photo 2 Collection of UASW032 and UASE032 (Animas River downstream of Mineral Creek).



 ${\bf Photo~3} \\ {\bf Collection~of~UASW034~and~UASE034~(Animas~River~upstream~of~Mineral~Creek)}.$ 



Photo 4 Collection of UASW001 and UASE001 (Animas River downstream of Cement Creek).



Photo 5 Collection of UASW002 and UASE002 (Cement Creek upstream of Animas River).



Photo 6 Collection of UASW003 and UASE003 (Animas River upstream of Cement Creek).



Photo 7 Collection of UASW035 and UASE035 (Cement Creek downstream of Kendrick Smelter).



 $\label{eq:Photo 8} Photo \ 8$  Collection of UASW036 and UASE036 (Cement Creek upstream of Kendrick Smelter).



Photo 9 Collection of UASW037 and UASE037 (Cement Creek downstream of Illinois Gulch).



Photo 10 Collection of UASW039 and UASE039 (Cement Creek upstream of Illinois Gulch, and downstream of Ohio Gulch).



Photo 11 Location of UASW040 and UASE040 (Ohio Gulch discharge).



 ${\bf Photo~12}$  Collection of UASW041 and UASE041 (Cement Creek upstream of Ohio Gulch).



Photo 13 Collection of UASW042 and UASE042 (Cement Creek downstream of Anglo Saxon Mine).



Photo 14 Collection of UASW044 and UASE044 (Cement Creek upstream of Anglo Saxon Mine and downstream of Minnesota Gulch).



 ${\bf Photo~15} \\ {\bf Collection~of~UASW043~and~UASE043~(discharge~from~Anglo~Saxon~Mine)}.$ 



Photo 16 Collection of UASW045 and UASE045 (discharge from Minnesota Gulch).



Photo 17 Collection of UASW046 and UASE046 (Cement Creek upstream of Minnesota Gulch).



Photo 18 Collection of UASW047 and UASE047 (Cement Creek downstream of Elk Tunnel and Fairview Gulch).



Photo 19 Collection of UASW049 and UASE049 (Cement Creek downstream of Georgia Gulch).



Photo 20 Collection of UASW050 and UASE050 (Cement Creek upstream of Georgia Gulch).



 ${\bf Photo}~21\\ {\bf Collection~of~UASW054~and~UASE054~(discharge~from~Prospect~Gulch)}.$ 



 ${\bf Photo~22} \\ {\bf Collection~of~UASW056~and~UASE056~(Cement~Creek~downstream~of~Dry~Gulch)}.$ 



 ${\bf Photo~23} \\ {\bf Collection~of~UASW058~and~UASE058~(Cement~Creek~upstream~of~Dry~Gulch)}.$ 



Photo 24
Collection of UASW004 and UASE004 (Cement Creek downstream of the confluence with the south fork of Cement Creek).



Photo 25
Collection of UASW006 and UASE006 (Cement Creek upstream of the confluence with the south fork of Cement Creek).



Photo 26 Collection of UASW005 and UASE005 (south fork of Cement Creek).



Photo 27 Collection of UASW007 and UASE007 (American Tunnel discharge, immediately upstream of Cement Creek).



Photo 28 Collection of UAAD001 (discharge from the American Tunnel).



Photo 29 Collection of UASW008 and UASE008 (Cement Creek upstream of the American Tunnel).



Photo 30
Collection of UASW009 and UASE009 (Cement Creek downstream of the confluence with the north fork of Cement Creek).



Photo 31
Collection of UASW013 and UASE013 (Cement Creek upstream of the confluence with the north fork of Cement Creek).



 $\label{eq:condition} Photo~32$  Collection of UASW010 and UASE010 (north fork of Cement Creek).



Photo 33 Collection of UASW014 and UASE014 (Cement Creek downstream of Red and Bonita Mine).



Photo 34 Collection of UASW015 and UASE015 (roadside channel below Red and Bonita Mine).



Photo 35 Collection of UAAD003 and UAAD003 (Red and Bonita Mine adit).



Photo 36 Collection of UASW016 and UASE016 (Cement Creek upstream of Red and Bonita Mine).



Photo 37
North fork of Cement Creek – flow is low and area is mostly frozen over.



Photo 38 Collection of UAAD002 (Gold King 7 Level adit).



Photo 39
Collection of UASW011 and UASE011 (north fork of Cement Creek downstream of Gold King 7
Level Mine – at road crossing).



Photo 40 Collection of UASW012 and UASE012 (north fork of Cement Creek upstream of Gold King 7 Level Mine).



Photo 41 Location of UASW017 and UASE017 (Cement Creek downstream of Mogul Mine wetland).



Photo 42 Collection of UASW019 and UASE019 (flow through Mogul Mine wetland).



Photo 43 Collection of UASW018 and UASE018 (Cement Creek upstream of Mogul Mine wetland).



Photo 44 Collection of UASW018 and UASE018 (Cement Creek upstream of Mogul Mine wetland).



Photo 45 Collection of UASW020 and UASE020 (Cement Creek upstream of Mogul Mine).



Photo 46 Collection of UAAD004 (Mogul Mine adit discharge).



Photo 47 Collection of UASO002 (American Tunnel).



Photo 48 Collection of UASO003 (top pile at Red and Bonita).



Photo 49 Collection of UASO004 (middle pile at Red and Bonita).



Photo 50 Collection of UASO005 (bottom pile at Red and Bonita).



Photo 51 Red and Bonita waste piles.



Photo 52 Collection of UASW021 and UASE021 (Cement Creek downstream of Mogul North Mine).



Photo 53 Collection of UASW022 and UASE022 (drainage from of Mogul North Mine).



Photo 54 Collection of UASO006 (Mogul North waste pile).



Photo 55 Seepage from the toe of the Mogul North waste pile.



Photo 56 Collection of UASW023 and UASE023 (Cement Creek upstream of Queen Anne Mine).



Photo 57 Collection of UASW024 and UASE024 (drainage from Queen Anne Mine).



Photo 58 Collection of UASO007 (Grand Mogul Mine stope – west side).



Photo 59 Collection of UASO008 (Grand Mogul Mine stope – east side).



Photo 60 Collection of UASW059 and UASE059 (drainage from Grand Mogul Mine).



Photo 61 Sample team hiking above Grand Mogul Mine.



Photo 62 Collection of UASW030 and UASE030 (Cement Creek upstream of Grand Mogul Mine).



Photo 63 Grand Mogul Mine and Mogul Mine stope waste piles.



Photo 64 Grand Mogul Mine easternmost waste pile.



Photo 65 Collection of UASO009 (Grand Mogul Mine waste piles – east side).



Photo 66 Collection of UASO010 (Grand Mogul Mine waste piles – center).



Photo 67 Collection of UASO011 (Grand Mogul Mine waste piles – west side).



Photo 68
Collection of UASO012 (Mogul Mine waste piles – west side).



Photo 69
Collection of UASO013 (Mogul Mine waste piles – adjacent to shed).



Photo 70 Collection of UASO014 (Mogul Mine waste piles – east side).



Photo 71 Mogul Mine waste piles.



Photo 72 Treatment pond in the vicinity of the Mammoth Tunnel.



Photo 73 Runoff entering treatment pond in the vicinity of the Mammoth Tunnel.



Photo 74
Steep slope of Gold King 7 Level waste piles.